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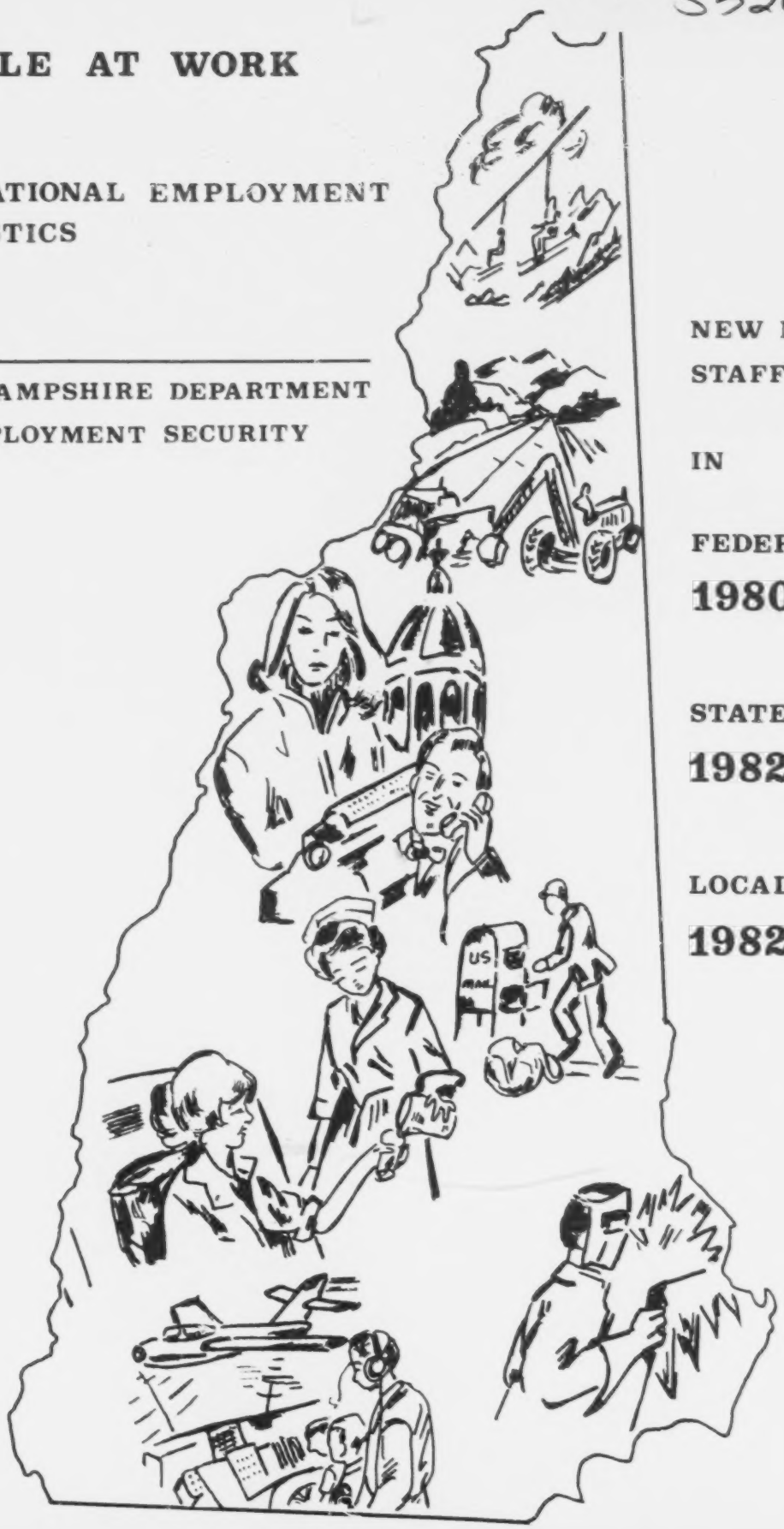
PEOPLE AT WORK

OCCUPATIONAL EMPLOYMENT STATISTICS

NEW HAMPSHIRE DEPARTMENT
OF EMPLOYMENT SECURITY



NEW HAMPSHIRE
STAFFING PATTERNS

IN

FEDERAL GOVERNMENT
1980

STATE GOVERNMENT
1982

LOCAL GOVERNMENT
1982

NEW HAMPSHIRE STAFFING PATTERNS

OF FEDERAL GOVERNMENT

1980

STATE GOVERNMENT

1982

LOCAL GOVERNMENT

1982

An Occupational Employment Statistics Survey

Conducted By The

Economic Analysis and Reports Section

NEW HAMPSHIRE DEPARTMENT OF EMPLOYMENT SECURITY

THE U.S. BUREAU OF LABOR STATISTICS

AND THE

EMPLOYMENT AND TRAINING ADMINISTRATION

Using A Grant From The

NEW HAMPSHIRE STATE OCCUPATIONAL INFORMATION COORDINATING COMMITTEE

Published October 1983

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Preface

The Occupational Employment Statistics (OES) Program involves the cooperation and participation of many individuals, employers and agencies. First of all we wish to thank Donald W. Roberge, Executive Director of the New Hampshire SOICC for his support and cooperation. This project on government employment was completed as part of the Occupational Employment Statistics Program using a grant from the New Hampshire State Occupational Information Coordinating Committee.

Concerning the state government data we particularly wish to thank Carl M. Hecker of the New Hampshire Department of Personnel for his unending cooperation and support. We also want to thank Frank E. Storer, Assistant Director, Division of Accounts; and George C. Coronis of Legislative Accounting for their generous assistance.

Although we cannot recognize them by name because of the large number of local government units involved, we also want to thank the many county and city officials, selectmen, town clerks, secretaries, etc. for their participation in this survey.

We appreciate the technical assistance provided by personnel of the United States Department of Labor, Bureau of Labor Statistics at the Boston Regional Office and National Office in Washington, D.C.

This report was prepared by the New Hampshire Occupational Employment Statistics (OES) Program staff: William Halm. Technical EDP support was provided by April Limber.

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INTRODUCTION

For an indeterminable period - but particularly since the 1960's - those responsible for providing trained manpower to balance current and foreseeable labor force demand, have realized the need for current occupational data.

To meet this need, the United States Department of Labor, in cooperation with the Employment Security Agencies of the various states, initiated the OES Program in mid-1971. Beginning with 15 participating states, the program has grown to include 33 additional states and the District of Columbia. It is founded upon the collection of employment data by means of mail sampling a sector or sectors of the economy on a recurring three year cycle. Since New Hampshire joined the OES Program in 1976, this is the third survey of the government occupations sector within the state.

Recognizing that human resources are the nation's most precious asset, the goal of the OES Program is to direct training programs to meet both current and long-range needs for personnel. To that end, it is an invaluable tool enabling planners to intelligently and systematically deal with the inequity between the supply and demand of workers in specified occupations on the national, state, and local levels.

Using current data on employment by occupation, current supply of workers, and projection of future manpower requirements, planners attempt to direct or influence the prospective supply of workers by occupation. This is generally accomplished through a combination of counseling, educational or vocational training, etc. Workers or prospective workers are realistically advised of emerging and declining occupations, of technological changes, the overall employment outlook, training and educational prerequisites, opportunities for advancement, working conditions and earnings, etc.

Barring unforeseen technological breakthroughs, this parity between the supply and demand for workers can reasonably be established and maintained--thanks, to some degree, to the OES Program.

SUMMARY

GOVERNMENT OCCUPATIONAL EMPLOYMENT

Government employment increased by 2.9 million workers nationwide for an average annual rate of 2.7 percent during the period from 1972 through 1980. During the same period government employment within New Hampshire increased 17.2 thousand workers for an average annual rate of 4.9 percent. From 1980 to 1982, government employment declined by 438 thousand workers nationwide and 1.2 thousand workers within New Hampshire. Within the state of New Hampshire state and local governments lost 850 and 450 workers respectively while the federal government added 100 workers.
(see table 1).

Federal workers (with the exception of the Postal Service) were principally clustered in five locations including the Portsmouth Naval Shipyard, Pease Air Force Base at Newington, the Veterans Administration Hospital in Manchester, the Federal Aviation Administration Air Traffic Control Center in Nashua and the Army Cold Regions Laboratory in Hanover. Almost 59 percent of state workers are located in Concord with another 22 percent in Laconia, Manchester, Hooksett and Portsmouth. Local government workers were scattered through 10 counties, 13 cities, 224 towns and villages and approximately 50 miscellaneous units including water authorities, fire districts, etc. Fifty-two percent of local government workers were located in the three southern counties of Cheshire, Hillsborough and Rockingham.

Survey forms were mailed to 64 local government units representing an employment of 9,739. Usable responses were received from 55 units or 86 percent of the units sampled. The reported employment was 6,989.

TABLE 1

NEW HAMPSHIRE GOVERNMENT EMPLOYMENT COMPARED WITH
UNITED STATES GOVERNMENT AND NEW HAMPSHIRE NONAGRICULTURAL EMPLOYMENT
(ANNUAL AVERAGES 1972-1982)

		NEW HAMPSHIRE 2/						
			GOVERNMENT					
YEAR	UNITED STATES GOV'T. 1/	TOTAL NONAGRI-CULTURAL	FEDERAL	STATE	LOCAL	TOTAL	PERCENT OF UNITED STATES GOV'T.	PERCENT OF TOTAL NONAGRI-CULTURAL
1972	13,334,000	281,550	9,350	12,000	22,900	44,250	0.33	15.72
1973	13,732,000	300,650	9,400	12,400	24,450	46,250	0.34	15.38
1974	14,170,000	303,350	9,850	12,900	25,950	48,700	0.34	16.05
1975	14,686,000	295,950	10,200	14,000	26,950	51,150	0.35	17.28
1976	14,871,000	316,950	10,400	14,900	28,100	53,400	0.36	16.85
1977	15,127,000	341,000	10,750	15,150	31,750	57,650	0.38	16.91
1978	15,672,000	365,350	11,150	15,700	33,700	60,550	0.39	16.57
1979	15,947,000	381,650	11,500	15,950	34,000	61,450	0.39	16.10
1980	16,241,000	389,500	11,500	16,050	33,900	61,450	0.38	15.78
1981	16,024,000	398,900	11,350	16,000	33,700	61,050	0.38	15.30
1982	15,803,000	397,600	11,600	15,200	33,450	60,250	0.38	15.15

1/ Includes all workers in Federal, State, and Local Government.

1972-1981; Employment and Earnings, Vol. 29, No. 10 (Oct. 1982) Page 67 (Table B-1)

1982; Employment and Earnings, Vo. 30, No. 6 (June 1983) Page 59 (Table B-1)

2/ 1972-1976: Employment and Unemployment in N.H., No. 359 (Feb. 1978) Pages 10-14
1977: Employment and Unemployment in N.H., No. 371 (Feb. 1979) Page 9
1978; Employment and Unemployment in N.H., No. 383 (Feb. 1980) Page 9
1979; Employment and Unemployment in N.H., No. 383 (Feb. 1980) Page 8
1980; Economic Conditions in N.H., No. 3 (May-June 1982) Page 9
1981-1982; Economic Conditions in N.H., No. 2 (Feb. 1983) Pages 9 & 12

Note: New Hampshire Federal Government employment includes only one half of the Portsmouth Navy Shipyard as 50 percent of the workers reside in New Hampshire.

OCCUPATIONAL STAFFING PATTERNS

FEDERAL GOVERNMENT 1/

OCTOBER 1980

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1980 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
TOTAL ALL OCCUPATIONS		15,03[illegible]	100.0
MANAGERS AND OFFICERS	10000	750	5.0
Public Administration Inspectors, except Construction	10001	37	0.2
Construction Inspectors	10009	24	0.2
Postmasters and/or Mail Superintendents	10050	229	1.5
All Other Managers	19000	460	3.1
PROFESSIONAL OCCUPATIONS	20000	1,870	12.4
Civil Engineers	21004	77	0.5
Electrical and Electronic Engineers	21005	84	0.5
Industrial Engineers	21006	15	0.1
Mechanical Engineers	21008	138	1.0
Nuclear Engineers	21017	144	1.0
All Other Engineers	21900	169	1.1
All Other Mathematical Scientists	22199	23	0.2
Chemists	22201	18	0.1
Geologists and Geophysicists	22202	24	0.2
Physicists	22205	19	0.1
All Other Physical Scientists	22299	23	0.2
Agricultural Scientists	22301	14	0.1
Biological Scientists	22302	45	0.3
Foresters and Conservation Scientists	22308	59	0.4
All Other Social Scientists	23900	16	0.1
Systems Analysts, Electronic Data Processing	24000	49	0.3
Teachers and/or Instructors, Nonvocational Education	25106	36	0.2
Purchasing Agents and/or Buyers	25300	70	0.5
Accountants and/or Auditors	25401	64	0.4
Architects	25405	54	0.4
Case Workers	25418	12	0.1
Writers and/or Editors	25436	10	0.1
Lawyers	25446	17	0.1
Nurses, Professional	25457	118	0.8
Personnel and Labor Relations Specialists	25465	81	0.5
Physicians and/or Surgeons	25469	56	0.3

1/ Furnished by the Bureau of Labor Statistics from data obtained from the Office of Personnel Management. Occupational employment data for certain Federal Agencies are not maintained by the OPM and therefore not included.

OCCUPATIONAL STAFFING PATTERNS

FEDERAL GOVERNMENT

OCTOBER 1980

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1980 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
Tax Examiners, Collectors and/or Revenue Agents	25507	81	0.5
Law Clerks	28302	14	0.1
All Other Professional Workers	29000	340	2.2
TECHNICAL OCCUPATIONS	30000	1,548	10.3
Computer Programmers	31000	20	0.1
Electrical and Electronic Technicians	32004	175	1.2
All Other Engineering Technicians	32900	466	3.1
Electrocardiograph Technicians	32926	12	0.1
Physical Science Technicians	33001	116	0.7
Biological Science Technicians	33002	98	0.7
Air Traffic Controllers	34002	491	3.3
Broadcast Technicians	34014	13	0.1
Airplane Pilots	34023	10	0.1
Medical Laboratory Technologists	35002	22	0.1
All Other Medical and Dental Technologists and Technicians	35900	35	0.2
All Other Technicians	39000	90	0.6
SERVICE OCCUPATIONS	40000	436	2.9
All Other Janitors, Porters, and Cleaners	41900	78	0.5
Guards and Doorkeepers	42000	50	0.3
Butchers and/or Meatcutters	43004	14	0.1
Cooks, Institution	43016	10	0.1
All Other Food Service Workers	43900	42	0.3
Nurse Aides and/or Orderlies	44025	123	0.8
Police and Detective Supervisors	44501	13	0.1
Detectives, Police	44502	24	0.2
Fire Fighters	44552	64	0.4
All Other Service Workers	49000	18	0.1
PRODUCTION OCCUPATIONS	50000	6,513	43.3
Mechanics, Aircraft	51002	73	0.5
Mechanics, Automotive	51008	43	0.3
Electric Tool Repairers	51021	19	0.1
Engineering Equipment Mechanics	51034	52	0.4
Marine Mechanics and/or Repairers	51042	95	0.6
Mechanics, Maintenance	51043	642	4.3
Refrigeration Mechanics and/or Air Conditioning Mechanics	51052	74	0.5
Electronic Mechanics	51077	290	1.9
All Other Mechanics and Repairers	51900	31	0.2
All Other Darkroom Workers	52900	3	*
Markers, Classifiers, Wet Wash Assemblers, Detachers, and/or Checkers	53001	20	0.1
Truck Drivers	54000	70	0.5

OCCUPATIONAL STAFFING PATTERNS

FEDERAL GOVERNMENT

OCTOBER 1980

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1980 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
Asbestos and Insulation Workers	55A08	109	0.7
Blacksmiths	55A20	11	0.1
Cable Splicers	55A43	22	0.2
Carpenters	55A47	55	0.4
Crane, Derrick, and Hoist Operators	55A82	46	0.3
Craters	55A83	12	0.1
Electricians	55B12	608	4.0
Heavy Equipment Operators	55B52	17	0.1
Riggers	55B54	202	1.3
Industrial Truck Operators	55B57	14	0.1
Maintenance Repairers, General Utility	55B86	27	0.2
Painters, Maintenance	55C12	225	1.5
Plumbers and/or Pipefitters	55C30	963	6.4
Sandblasters and/or Shotblasters	55C64	74	0.5
Sheet Metal Workers	55C81	286	1.9
Stationary Boiler Firers	55C90	66	0.4
Stationary Engineers	55C91	22	0.1
Tool and Die Makers	55D23	24	0.2
Welders and/or Flamecutters	55D46	286	1.9
Offset Lithographic Press Operators, Sheet, Roll or Web Fed	55D56	14	0.1
Service Station Attendants, Fuel Pump Attendants and/or Lubricators	55D67	20	0.1
Machine Tool Operators, Combination	55L01	530	3.5
Machine Tool Operators, Toolroom	55L03	17	0.1
Patternmakers Wood	55M10	10	0.1
Shipfitters	55P16	336	2.2
Shipwrights	55P17	68	0.5
Woodworking Machine Operators	55R43	55	0.4
Compression and/or Injection Molding Machine Operators, Plastics	55R85	44	0.3
All Other Bindery Workers	55T84	6	*
All Other Skilled Craft and Kindred Workers	59001	36	0.2
All Other Operatives and Semiskilled Workers	59002	320	2.1
All Other Laborers and Unskilled Workers	59003	576	3.8
CLERICAL OCCUPATIONS	60000	3,891	25.9
Computer Operators	61105	32	0.2
Keypunch Operators	61107	17	0.1
All Other Office Machine Operators	61199	28	0.2
Stenographers	61200	116	0.8

OCCUPATIONAL STAFFING PATTERNS

FEDERAL GOVERNMENT

OCTOBER 1980

OCCUPATIONAL TITLE	OES CODE	OCTOBER 1980 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
Accounting Clerks	61301	82	0.5
Bookkeepers, Hand	61307	11	0.1
Claim Adjusters	61316	16	0.1
Claims Clerks	61318	43	0.3
General Clerks, Office	61333	281	1.9
Mail Clerks	61343	48	0.3
Payroll and/or Timekeeping Clerks	61351	40	0.3
Personnel Clerks	61352	75	0.5
Procurement Clerks	61355	21	0.1
Secretaries	61368	170	1.1
Switchboard Operators	61376	30	0.2
Typists	61392	279	1.8
Clerical Supervisors, Office or Plant	61396	10	0.1
Postal Service Clerks	61427	460	3.0
All Other Office Clerical Workers	61900	177	1.1
Production Clerks and/or Coordinators	62003	95	0.6
Shipping Packers	62004	10	0.1
Stock Clerks, Stockroom, Warehouse or Storage Yard	62008	52	0.3
Postal Mail Carriers	62032	1,661	11.0
All Other Plant Clerical Workers	62900	137	0.9
SALES OCCUPATIONS	70000	24	0.2
Sales Clerks	72002	24	0.2

* Less Than 0.05 Percent.

EMPLOYMENT FOR OCCUPATIONAL GROUPS

FEDERAL GOVERNMENT

1977 AND 1980

NEW HAMPSHIRE

OCCUPATIONAL GROUP	OCT. 1977 EMPL.	OCT. 1980 EMPL.	NUMERICAL CHANGE	PERCENT CHANGE
TOTAL	13,890	15,032	1,142	8.2
Managers and Officers	667	750	83	12.4
Professional	1,643	1,870	227	13.8
Technical	1,525	1,548	23	1.5
Service	427	436	9	2.1
Production	5,679	6,513	834	14.7
Clerical	3,926	3,891	-35	-0.9
Sales	23	24	1	4.3

FEDERAL GOVERNMENT

THE FIFTEEN OCCUPATIONS EMPLOYING
THE LARGEST NUMBER OF WORKERS

The fifteen specific occupations listed below by employment size comprise only 14.0 percent of the grand total of 103 specific occupations employing ten or more workers but total over 47 percent of the 15,032 workers employed by the Federal Government in New Hampshire.

RANK	OCCUPATIONAL TITLE	OES CODE	OCTOBER 1980 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
1	Postal Mail Carriers	62032	1,661	11.0
2	Plumbers and/or Pipefitters	55C30	963	6.4
3	Mechanics, Maintenance	51043	642	4.3
4	Machine Tool Operators, Combination	55L01	530	3.5
5	Air Traffic Controllers	34002	491	3.3
6	Postal Service Clerks	61427	460	3.0
7	Shipfitters	55P16	336	2.2
8	Electronic Mechanics	51077	290	1.9
9	Sheet Metal Workers	55C81	286	1.9
	Welders and/or Flamecutters	55D46	286	1.9
10	General Clerks, Office	61333	281	1.9
11	Typists	61392	279	1.8
12	Postmasters/Mail Superintendents	10050	229	1.5
13	Painters, Maintenance	55C12	225	1.5
14	Riggers	55B54	202	1.3

OCCUPATIONAL STAFFING PATTERNS

STATE GOVERNMENT 1/

MAY 1982

OCCUPATIONAL TITLE	OES CODE	MAY 1982 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
TOTAL ALL OCCUPATIONS		10,336	100.0
MANAGERS AND OFFICERS	10000	1,402	13.6
Public Administration Inspectors, Except Construction	10001	319	3.1
Construction Inspectors	10009	16	0.2
Chief Executives, General Administrators and Legislators	10057	433	4.2
All Other Managers	19000	634	6.1
PROFESSIONAL OCCUPATIONS	20000	2,123	20.5
Civil Engineers	21004	284	2.7
Mechanical Engineers	21008	15	0.1
All Other Engineers	21900	49	0.5
All Other Mathematical Scientists	22199	8	0.1
Chemists	22201	39	0.4
All Other Physical Scientists	22299	5	*
Biological Scientists	22302	44	0.4
Foresters and Conservation Scientists	22308	20	0.2
All Other Life Scientists	22399	42	0.4
Economists	23002	31	0.3
Psychologists	23004	17	0.2
Urban and Regional Planners	23006	56	0.6
All Other Social Scientists	23900	72	0.7
Systems Analysts, Electronic Data Processing	24000	54	0.5
Vocational and Educational Counselors	25107	53	0.5
Accountants and Auditors	25401	149	1.4
Budget Analysts	25413	14	0.1
Caseworkers	25418	429	4.2
Employment Interviewers	25443	106	1.0
Law Clerks	25445	14	0.1
Lawyers	25446	59	0.6
Librarians, Professional	25448	30	0.3
Nurses, Professional	25457	112	1.1
Occupational Therapists	25458	15	0.1
Paralegal Personnel	25462	55	0.5
Personnel and Labor Relations Specialists	25465	30	0.3
Physicians and/or Surgeons	25469	13	0.1
Community Organization Workers	25501	56	0.6
Judges	25504	30	0.3
Tax Examiners, Collectors and/or Revenue Agents	25507	27	0.3
Assessors	25517	29	0.3

1/ Includes employment in all State Government units excluding hospitals and educational activities for the payroll period including May 12, 1982.

OCCUPATIONAL STAFFING PATTERNS

STATE GOVERNMENT

MAY 1982

OCCUPATIONAL TITLE	OES CODE	MAY 1982 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
All Other Therapists	25522	35	0.3
Appraisers, Real Estate	25527	16	0.2
Speech Pathologists and/or Audiologists	25538	12	0.1
Claims Takers, Unemployment Benefits	25543	23	0.2
All Other Professional Workers	29000	80	0.8
TECHNICAL OCCUPATIONS	30000	312	3.0
Computer Programmers	31090	62	0.6
Electrical and Electronic Technicians	32004	13	0.1
All Other Engineering Technicians	32900	151	1.5
Science Technicians	33000	15	0.1
Licensed Practical Nurses	34013	27	0.3
Medical and Dental Technicians and Technologists	35000	20	0.2
All Other Technicians	39000	24	0.2
SERVICE OCCUPATIONS	40000	1,439	13.9
Janitors, Porters, and Cleaners	41000	14	0.1
Guards and Doorkeepers	42000	78	0.8
Cooks, Institution	43016	86	0.8
All Other Food Service Workers	43900	19	0.2
Supervisors, Nonworking--Service Only	44014	41	0.4
Nurses Aides and/or Orderlies	44025	149	1.4
Recreation Facility Attendants	44029	107	1.0
Forest Conservation Workers	44059	19	0.2
Fish and Game Wardens	44060	44	0.4
Lifeguard	44078	99	1.0
Police and Detective Supervisors	44501	68	0.7
Police Patrol Officers	44503	154	1.5
Correction Officers and/or Jailers	44505	122	1.2
All Other Service Workers	49000	439	4.2
PRODUCTION OCCUPATIONS	50000	1,945	18.8
Mechanics, Automotive	51008	14	0.1
Engineering-Equipment Mechanics	51034	35	0.3
Mechanics, Maintenance	51043	91	0.9
All Other Mechanics and Repairers	51900	10	0.1
Truck Drivers	54000	17	0.2
Carpenters	55A47	20	0.2
Supervisors, Nonworking	55B29	21	0.2
Helpers, Trades	55B87	18	0.2
Painters, Maintenance	55C12	20	0.2
Press Operators and/or Plate Printers	55C36	22	0.2
Stationary Boiler Firers	55C90	33	0.3
Welders and/or Flamecutters	55D46	10	0.1
Highway Maintenance Workers	55D75	753	7.3
Gardeners and Groundskeepers	55T47	56	0.5

OCCUPATIONAL STAFFING PATTERNS

STATE GOVERNMENT

MAY 1982

OCCUPATIONAL TITLE	OES CODE	MAY 1982 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
All Other Skilled Craft and Kindred Workers	59001	65	0.6
All Other Operatives and Semiskilled Workers	59002	74	0.7
All Other Laborers and Unskilled Workers	59003	686	6.6
CLERICAL OCCUPATIONS	60000	2,647	25.6
Bookkeeping and/or Billing Machine Operators	61103	89	0.9
Computer Operators	61105	26	0.3
Keypunch Operators	61107	75	0.7
Duplicating Machine Operators	61199	11	0.1
Stenographers	61200	419	4.1
Accounting Clerks	61301	314	3.0
Cashiers	61314	253	2.5
File Clerks	61330	179	1.7
General Clerks, Office	61333	104	1.0
Personnel Clerks	61352	10	0.1
Procurement Clerks	61355	11	0.1
Secretaries	61368	36	0.3
Statistical Clerks	61374	37	0.3
Typists	61392	355	3.4
Clerical Supervisors, Office or Plant	61396	206	2.0
Eligibility Workers, Welfare	61401	170	1.7
All Other Office Clerical Workers	61900	245	2.4
Stock Clerks, Stockroom, Warehouse or Storgage Yard	62008	50	0.5
Dispatchers, Vehicle, Service or Work	62018	10	0.1
Dispatchers, Police, Fire and Ambulance	62025	42	0.4
All Other Plant Clerical Workers	62900	5	*
SALES OCCUPATIONS	70000	468	4.5
Sales Representatives, Sales Agents and/or Sales Associates	71000	12	0.1
Sales Clerks	72002	456	4.4

* Less Than 0.05 Percent

STATE GOVERNMENT

THE FIFTEEN OCCUPATIONS EMPLOYING

THE LARGEST NUMBER OF WORKERS

The fifteen specific occupations listed below by employment size comprise only 18.1 percent of the grand total of 83 specific occupations employing ten or more workers but total over 48.0 percent of the 10,336 workers employed by the State Government in New Hampshire excluding hospitals and educational activities.

RANK	OCCUPATIONAL TITLE	OES CODE	MAY 1982 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
1	Highway-Maintenance Workers	55D75	753	7.3
2	Sales Clerks	72002	456	4.4
3	Chief Executives, General Administrators and Legislators	10057	433	4.2
4	Caseworkers	25418	429	4.2
5	Stenographers	61200	419	4.1
6	Typists	61392	355	3.4
7	Public Administration Inspectors, Except Construction	10001	319	3.1
8	Accounting Clerks	61301	314	3.0
9	Civil Engineers	21004	284	2.7
10	Psychiatric Aide	49000	272	2.6
11	Cashiers	61314	253	2.4
12	Clerical Supervisors, Office or Plant	61396	206	2.0
13	File Clerks	61330	179	1.7
14	Eligibility Workers, Welfare	61401	170	1.6
15	Police Patrol Officers	44503	154	1.5

EMPLOYMENT FOR OCCUPATIONAL GROUPS

STATE GOVERNMENT **

1979 AND 1982

NEW HAMPSHIRE

OCCUPATIONAL GROUP	MAY 1979 EMPL.	MAY 1982 EMPL.	NUMERICAL CHANGE	PERCENT CHANGE
TOTAL	10,298	10,336	38	0.4
Managers and Officers	1,354	1,402	48	3.5
Professional	2,072	2,123	51	2.5
Technical	358	312	-46	-12.8
Service	1,477	1,439	-38	2.6
Production	1,926	1,945	19	1.0
Clerical	2,677	2,647	-30	-1.1
Sales	434	468	34	7.8

** Includes employment in all State Government units excluding hospitals and educational activities for the payroll period including May 12, 1979 and May 12, 1982.

DISTRIBUTION OF STATE EMPLOYEES BY COUNTY*

Data in the distribution below does not include permanent-temporary classified employees; or temporary, seasonal and part-time classified employees.

COUNTY	NUMBER OF EMPLOYEES	PERCENT OF TOTAL
Belknap	1,148	15.9
Carroll	65	0.9
Cheshire	206	2.9
Coos	261	3.6
Grafton	303	4.2
Hillsborough	512	7.1
Merrimack	4,263	59.1
Rockingham	274	3.8
Strafford	111	1.5
Sullivan	73	1.0
Total	7,216	100.0

* New Hampshire Department of Personnel-Geographic Work Locations Of State Employees, excluding Technical Institutes and N.H. State Hospitals as of 12/06/82.

STATE GOVERNMENT

Estimates covering the following occupations were not shown separately because of fewer than (10) employees or a relative error greater than 50 percent. They were however included in the appropriate "All" or "All Other" category.

Architect
Cement Mason
Court Clerk
Dietitian and/or Nutritionist
Drafter
Electrician
Electrical and Electronic Engineer
Emergency Medical Technician
Group Recreation Worker
Heavy Equipment Operator
Instrument Repairer
Landscape Architect
Library Assistant
License Clerk
Machinist
Physical Therapist
Plumber and/or Pipefitter
Production Clerk and/or Coordinator
Public Relations Practitioner
Purchasing Agent and/or Buyer
Radio Operator
Receptionist
Shipping and/or Receiving Clerk
Surveyor
Switchboard Operator
Technical Assistant, Library
Traffic Engineer
Veterinarian
Welfare Investigator
Writer and/or Editor

STAFFING PATTERNS

LOCAL GOVERNMENT**

COUNTIES, CITIES, AND TOWNS IN NEW HAMPSHIRE

OCCUPATIONAL TITLE	OES CODE	MAY 1982 EST. EMPL. 1/	PERCENT OF TOTAL	RELATIVE ERROR 2/	RANGE HIGH	RANGE LOW	PERCENT OF UNITS REPORTING
TOTAL ALL OCCUPATIONS		13,069	100.0				
MANAGERS AND OFFICERS	10000	1,116	8.5				
Public Administration Inspectors, Except Construction	10001	32	0.2	26	40	24	20.0
Construction Inspectors	10009	89	0.7	15	102	76	45.5
Chief Executives, General Administrators and Legislators	10057	483	3.7	16	563	403	76.4
All Other Managers	19000	512	3.9	NA	-	-	NA
PROFESSIONAL OCCUPATIONS	20000	1,284	10.0				
Civil Engineers	21004	52	0.4	17	61	43	32.7
All Physical Scientists	22200	8	0.1	NA	-	-	NA
All Life Scientists	22300	6	0.1	NA	-	-	NA
All Other Social Scientists	23900	83	0.6	NA	-	-	NA
Purchasing Agents and/or Buyers	25300	20	0.2	10	22	18	18.2
Accountants and Auditors	25401	90	0.7	29	117	63	34.5
Caseworkers	25418	70	0.5	13	79	61	25.5
Lawyers	25446	55	0.4	19	65	45	23.6
Librarians, Professional	25448	189	1.4	48	279	99	63.6
Nurses, Professional	25457	287	2.2	18	339	235	20.0
Physical Therapists	25468	19	0.2	30	25	13	12.7
Physicians and/or Surgeons	25469	11	0.1	27	14	8	7.3
Welfare Investigators	25503	24	0.2	38	33	15	27.3
Judges	25504	45	0.3	19	54	36	32.7
Tax Examiners, Collectors, and/or Revenue Agents	25507	111	0.9	23	136	86	69.1
Assessors	25517	67	0.5	32	89	45	36.4
All Other Therapists	25522	12	0.1	NA	-	-	NA
Group Recreation Workers	25535	48	0.4	24	60	36	30.9
All Other Professional Workers	29000	87	0.7	NA	-	-	NA

OCCUPATIONAL TITLE	OES CODE	MAY 1982 EST. EMPL.	PERCENT OF TOTAL	RELATIVE ERROR	RANGE HIGH	RANGE LOW	PERCENT OF UNITS REPORTING
TECHNICAL OCCUPATIONS	30000	447	3.3				
All Other Engineering Technicians	32900	52	0.4	NA	-	-	NA
Licensed Practical Nurses	34013	148	1.1	21	180	116	16.4
Technical Assistants, Library	34029	110	0.8	23	136	84	20.0
Emergency Medical Technicians	35013	107	0.8		149	65	10.9
All Other Technicians	39000	30	0.2	NA	-	-	NA
SERVICE OCCUPATIONS	40000	6,078	46.5				
Janitors, Porters, and Cleaners	41000	467	3.6	12	523	411	72.7
Guards and Doorkeepers	42000	26	0.2	43	37	15	9.1
Kitchen Helpers	43007	86	0.7	32	114	58	12.7
Cooks, Institution	43016	68	0.5	28	87	49	18.2
All Other Food Service Workers	43900	134	1.0	NA	-	-	NA
Supervisors, Nonworking--Service Only	44014	17	0.1	37	23	11	10.9
Nurses Aides and/or Orderlies	44025	942	7.2	23	1,156	728	12.7
Recreation Facility Attendants	44029	98	0.8	38	135	61	23.6
School Crossing Guards	44062	181	1.4	18	213	149	30.9
Lifeguards	44078	62	0.5	29	80	44	14.5
Police and Detective Supervisors	44501	300	2.3	13	338	262	70.9
Detectives, Police	44502	44	0.3	23	54	34	32.7
Police Patrol Officers	44503	1,197	9.2	13	1,348	1,046	78.2
Parking Enforcement Officers	44504	31	0.2	24	38	24	16.4
Correction Officers and/or Jailers	44505	329	2.5	27	417	241	16.4
Sheriffs	44506	62	0.5	22	76	48	14.5
Bailiffs	44507	43	0.3	29	55	31	10.9
Fire Fighters	44552	1,483	11.3	15	1,699	1,267	52.7
Fire Fighting and Prevention Supervisors	44553	190	1.5	16	221	159	43.6
All Other Service Workers	49000	318	2.4	NA	-	-	NA
PRODUCTION OCCUPATIONS	50000	2,089	16.1				
Mechanics, Automotive	51008	40	0.3	16	47	33	23.6
Treatment Plant Mechanics	51058	14	0.1	31	18	10	5.5
All Other Mechanics and Repairers	51900	39	0.3	NA	-	-	NA
Truck Drivers	54000	230	1.8	18	271	189	29.1
Carpenters	55A47	12	0.1	23	15	9	10.9
Electricians	55B12	14	0.1	14	16	12	10.9
Supervisors, Nonworking	55B29	41	0.3	19	49	33	14.5
Heavy Equipment Operators	55B52	135	1.0	20	162	108	49.1
Maintenance Repairers, General Utility	55B86	33	0.3	32	43	23	18.2
Painters, Maintenance	55C12	13	0.1	29	17	9	7.3
Refuse Collectors	55C51	111	0.9	25	138	84	16.4
Sewage Plant Operators	55C71	79	0.6	20	95	63	34.5

OCCUPATIONAL TITLE	OES CODE	MAY 1982 EST. EMPL.	PERCENT OF TOTAL	RELATIVE ERROR	RANGE HIGH	RANGE LOW	PERCENT OF UNITS REPORTING
Water Treatment Plant Operators	55D43	17	0.1	32	22	12	12.7
Pump Station Operators	55D44	14	0.1	35	19	9	9.1
Highway Maintenance Workers	55D75	603	4.6	19	720	486	63.6
Gardeners and Groundskeepers	55T47	248	1.9	29	320	176	29.1
Ambulance Drivers and/or Attendants	55V06	73	0.6	43	104	27	9.1
All Other Skilled Craft and Kindred Workers	59001	77	0.6	NA	-	-	NA
All Other Operatives and Semiskilled Workers	59002	51	0.4	NA	-	-	NA
All Other Laborers and Unskilled Workers	59003	245	1.9	NA	-	-	NA
CLERICAL OCCUPATIONS	60000	2,055	15.6				
Computer Operators	61105	15	0.1	21	18	12	16.4
All Other Office Machine Operators	61199	10	0.1	NA	-	-	NA
Accounting Clerks	61301	89	0.7	37	122	56	38.2
Bookkeepers, Hand	61307	81	0.6	31	106	56	47.3
File Clerks	61330	27	0.2	28	34	20	23.6
General Clerks, Office	61333	118	0.9	29	152	84	30.9
Library Assistants	61339	253	1.9	18	297	209	50.9
Payroll and/or Timekeeping Clerks	61351	29	0.2	18	34	24	29.1
Receptionists	61361	20	0.2	37	27	13	10.9
Secretaries	61368	314	2.4	15	361	267	74.5
Switchboard Operator/ Receptionists	61377	16	0.1	39	22	10	10.9
Typists	61392	189	1.4	18	223	155	40.0
Eligibility Workers	61401	13	0.1	20	16	10	10.9
Court Clerks	61425	132	1.0	23	163	101	43.6
Town Clerks	61426	146	1.1	20	175	117	72.7
License Clerks	61436	40	0.3	43	57	23	10.9
All Other Office Clerical Workers	61900	91	0.7	NA	-	-	NA
Meter Readers, Utilities	62002	23	0.2	35	31	15	14.5
Stock Clerks, Stockroom, Warehouse or Storage Yard	62008	14	0.1	18	16	12	12.7
Dispatchers, Police, Fire and Ambulance	62025	422	3.2	43	601	243	60.0
All Other Plant Clerical Workers	62900	13	0.1	NA	-	-	NA

* Less Than 0.05 Percent

** Includes employment in all local government units excluding hospitals and educational activities for the payroll period including May 12, 1982.

LOCAL GOVERNMENT

THE FIFTEEN OCCUPATIONS EMPLOYING

THE LARGEST NUMBER OF WORKERS

The fifteen specific occupations listed below by employment size comprise less than 20 percent of the grand total of 76 specific occupations employing ten or more workers but total over 58 percent of the 13,069 workers employed by Local Government in New Hampshire excluding hospitals and educational activities.

RANK	OCCUPATIONAL TITLE	OES CODE	MAY 1982 EMPLOYMENT	PERCENT OF TOTAL EMPLOYMENT
1	Fire Fighters	44552	1,483	11.3
2	Police Patrol Officers	44503	1,197	9.2
3	Nurses Aides/Orderlies	44025	942	7.2
4	Highway Maintenance Workers	55D75	603	4.6
5	Chief Executives, General Administrators and Legislators	10057	483	3.7
6	Janitors, Porters and Cleaners	41000	467	3.6
7	Dispatchers, Police, Fire and Ambulance	62025	422	3.2
8	Correction Officers/Jailers	44505	329	2.5
9	Secretaries	61368	314	2.4
10	Police and Detective Supervisors	44501	300	2.3
11	Nurses, Professional	25457	287	2.2
12	Library Assistants	61339	253	1.9
13	Truck Drivers	54000	230	1.8
14	Librarians, Professional	25448	189	1.4
	Typists	61392	189	1.4

DISTRIBUTION OF LOCAL GOVERNMENT EMPLOYEES BY COUNTY

COUNTY	NUMBER OF EMPLOYEES	PERCENT OF TOTAL
Belknap	654	5.0
Carroll	601	4.6
Cheshire	1,189	9.1
Coos	640	4.9
Grafton	1,150	8.8
Hillsborough	3,646	27.9
Merrimack	1,634	12.5
Rockingham	1,960	15.0
Strafford	1,072	8.2
Sullivan	523	4.0
TOTAL	13,069	100.0

EMPLOYMENT ESTIMATES FOR OCCUPATIONAL GROUPS

LOCAL GOVERNMENT ***

1979 AND 1982

NEW HAMPSHIRE

OCCUPATIONAL GROUP	MARCH 1979 EST. EMPL.	MAY 1982 EST. EMPL.	NUMERICAL CHANGE	PERCENT CHANGE
TOTAL	14,055	13,069	-986	-7.0
Managers and Officers	1,580	1,116	-464	-29.4
Professional	1,270	1,284	14	1.1
Technical	301	447	146	48.5
Service	6,635	6,078	-557	-8.4
Production	2,356	2,089	-267	-11.3
Clerical	1,913	2,055	142	7.4

*** Includes employment in all government units excluding hospitals and educational activities for the payroll period including May 12, 1982.

PERCENT DISTRIBUTION OF
MAJOR OCCUPATIONAL GROUPS

LOCAL GOVERNMENT

THE FIVE MOST FREQUENTLY REPORTED OCCUPATIONS

LISTED BY ORDER OF RANK

RANK	OES CODE	OCCUPATIONAL TITLE	PERCENT OF UNITS REPORTING
1	44503	Police Patrol Officers	78.2
2	10057	Chief Executives, General Administrators	76.4
3	61368	Secretaries	74.5
4	61426	Town Clerks	72.7
	41000	Janitors, Porters, and Cleaners	72.7

LOCAL GOVERNMENT

COUNTIES, CITIES, AND TOWNS IN NEW HAMPSHIRE

Estimates covering the following occupations were not shown separately because of fewer than ten (10) employees or a relative error greater than 50 percent. They were however included in the appropriate "All" or "All Other" category.

Animal Caretakers
Appraisers
Appraisers,Real Estate
Bookkeepers/Billing Machine Operators
Budget Analysts
Bus Drivers
Bus Drivers, School
Cashiers
Cement Masons
Chemists
Child-Care Workers
Civil Engineering Technicians
Claims Takers, Unemployment
Clerical Supervisors
Community Organization Workers
Computer Programmers
Curators, Museum
Delivery and Route Workers
Dietitions/Nutritionists
Diesel Mechanics
Dispatchers, Vehicle, Service
Drafters
Economists
Electrical and Electronic Technicians
Employment Interviewers
Engineering Equipment Mechanics
Fire Inspectors
Foresters and Conservation Scientists
Helpers, Trades
Industrial Truck Operators
Keypunch Operators
Law Clerks
Magistrates
Manual-Arts, Music/Recreational Therapists
Mechanics, Maintenance
Occupational Therapists
Paralegal Personnel
Personnel and Labor Relations Specialists
Personnel Clerks
Pipelayers
Photographers
Physician's Assistants
Plumbers/Pipefitters
Procurement Clerks
Production Clerks/Coordinators
Psychologists
Radio Operators
Science Technicians
Social Service Aides
Statistical Clerks
Stationary Engineers
Stenographers
Surveyor Helpers
Surveyors
Switchboard Operators
Systems Analysts, Electronic Data Processing
Teachers/Instructors, Vocational Education or Training
Traffic Technicians
Urban and Regional Planners
Vocational and Educational Counselors
Water Meter Installers
Weighers, Recordkeeping

TECHNICAL DATA

AND

APPENDIX

METHODOLOGY

Federal Government

Data provided by the Bureau of Labor Statistics, United States Department of Labor, included permanent and temporary full-time and part-time employees on the Federal payroll as of October 1980. Since the data herein was a total count, figures were not rounded and there was no relative sampling error.

State Government

The State Department of Personnel provided a complete printout of permanent and temporary, full-time and part-time, classified and unclassified positions to the Department of Employment Security. The data covered employment reported as of May 1982 and excluded workers employed in hospitals, elementary and secondary schools, vocational-technical schools and institutes, junior colleges, colleges, and universities.

There was neither a relative error nor rounding of figures since the data was a total count rather than an estimate based upon a sample.

Local Government

Local government employment estimates were based on data furnished by responses to a survey conducted by the New Hampshire Department of Employment Security. The survey covered the payroll period including May 12, 1982. The survey universe was based upon the 1981 ES-202 employment listing.

Since local government employment was an estimate because of nonresponse to the survey, data was rounded and compiled on a relative sampling error of 50 percent. Any specific occupation with a relative error greater than 50 percent, or with fewer than 10 employees, was not published but was assigned to a residual or occupational grouping. For example, the residual "all other Social Scientists" (OES Code 23900) included two specific occupations with no more than one worker each. Within that same residual, one occupation was also unpublishable because of a relative error of 83.3 percent.

Relative error, as used in this publication, indicates the true possible range of the published data. For example, nonworking service supervisors (OES Code 44014) lists an estimated total of 17 workers with a relative error of 37 percent. This means that an actual count of all (the universe) workers in this code group would not differ from the estimate by more than 6 or an estimated high of 23 or low of 11. The error was computed for specific occupations only and not for residual categories such as "All Other Engineers" or occupational groups such as "All Physical Scientists". Relative error pertains to an actual estimate of specific occupations only. In like manner, the percentage of units reporting could only be calculated for specific occupations rather than residual or groups of occupations.

APPENDIX

All OES surveys provide for the allocation of occupations reported into seven major categories. Specifically these occupational categories are as follows:

10000 Managers and Officers:

Includes persons concerned with managerial functions common to many types of organization as well as occupations which require a knowledge of the management and operations of the given organizations. Typical examples are: Corporate Officers; Plant Managers; Branch Managers; District Managers; Production Superintendents; General Superintendents; and Managers of such departments as budget, purchasing, sales and distribution, advertising, public relations, personnel and training, etc.

20000 Professional Occupations:

Includes persons concerned with the theoretical or practical aspects of such fields as science, engineering, technical work, art, education, medicine, law and business relations. Most of these occupations require substantial educational preparation, usually at the university level. Typical examples are: Architects; Engineers (including Sales Engineers); Metallurgists; Physicists; Mathematicians; Statisticians; Biologists; Economists; Accountants and Auditors; Purchasing Agents; Public Relations Practitioner; Personnel and Training Specialists (other than department managers); Lawyers; Physicians and Surgeons; Registered Nurses; Editors and Writers.

30000 Technical Occupations:

Includes all persons actually engaged in technical work utilizing theoretical knowledge of fundamental scientific, engineering, mathematical, computer programming or draft design principles comparable to those acquired through study at technical institutes, junior colleges or other formal post high school training less extensive than a four year college course, or through equivalent on-the-job training or experience.

40000 Service Occupations

Includes those workers in occupations concerned with the performance of services for persons that require either direct contact or close association with the individual; occupations concerned with the protection of individuals or of public or private property; occupations concerned with preparing and serving food and beverages; and occupations related to the cleaning of the interior and equipment of buildings, offices, stores, and similar places.

50000 Production Occupations:

Includes all skilled, semiskilled, and unskilled workers performing machine and manual tasks involving maintenance, construction, repair material handling and production.

60000 Clerical Occupations:

Includes clerical personnel whose work involves preparing, transcribing, transferring, systematizing and preserving communications and records; collating accounts; distributing information. Also includes clerical workers involved in planning, coordinating or expediting production and the flow of work and workers involved in the clerical aspects of receiving, storing, issuing or shipping of materials, merchandise, supplies, or equipment.

70000 Sales Occupations:

Includes persons concerned wholly or primarily with selling when knowledge of the goods or services sold is required. Excludes Sales Engineers (see Professional and Technical Workers) and Cashiers (see Clerical Workers).

Explanation of Footnotes:

1/ Employment estimate represents covered employment adjusted for additional current information. Because of data not published, occupations may not add up to total. Data entries were not rounded in order to preserve their analytic value. However, they should not be construed as being absolute but rather as relative values.

2/ Relative errors apply equally to estimated employment and the percent distribution. Please refer to technical notes for an explanation of relative error.

N.A. Not Applicable